B Neuronal domain (100 μm) Astrocyte Astrocyte Astrocyte †[Ca<sup>2+</sup>] Gliotransmitters (e.g., Post Presynaptic glutamate) neuron Postsynaptic neuron 1[Ca<sup>2+</sup>] Extrasynaptic, NR2B-containing, NMDA receptors Metabotropic glutamate receptors